

CD107PCT.ST25.txr
SEQUENCE LISTING

<110> CropDesign N.V.

<120> Plants having modified growth characteristics and method for making the same

<130> CD-107-PCT

<150> EP 03104764.0

<151> 2003-12-17

<150> US 60/531,866

<151> 2003-12-22

<160> 7

<170> PatentIn version 3.3

<210> 1

<211> 1380

<212> DNA

<213> Nicotiana tabacum

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<211> 459

<212> PRT

<213> Nicotiana tabacum

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Gln Phe Pro Asp Gly Ala Leu Leu Gln Gly Val Phe Leu Pro Ser Glu
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Pro Thr Ser Ala Leu Tyr Glu Phe Val Ser Ala Ala Leu Lys Glu Pro
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Ser Leu Glu Phe Glu Leu Leu His Pro Val Leu Val Lys Lys Arg Val
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Ile Pro His Phe Pro Ala Ala Gly Glu Arg Ala Val Thr Val Glu Glu
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Glu Asp Leu Val Pro Ala Ala Leu Leu Lys Phe Lys Pro Ile Glu Thr
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 <213> Saccharum officinarum

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 <222> (277)..(279)
 <223> n can be any nucleotide

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 caccgcgctg cccgctcctc aaaccctagc ccaaacctca ggcccgtccc taagcggacc 180
 tcgccacctc ccccgccccc ttttaaccacc gatttgacct ccttcacgcc cctcgtctgc 240
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 cccagctgcg gagacgcgtt tccgtccgag ctgcgcgtct ccgagcatct cgacggctgc 360
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<211> 436
 <212> PRT
 <213> Saccharum officinarum
 <220>
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 <222> (93)..(93)
 <223> Xaa can be any amino acid

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 35 40 45
 Pro Ser Pro Asn Leu Arg Pro Ala Pro Lys Arg Thr Ser Pro Pro Thr
 50 55 60
 Pro Pro Thr Leu Thr Thr Asp Leu Thr Ser Phe Thr Pro Leu Val Cys
 65 70 75 80
 Tyr Ser Ser Arg Arg Pro Asp Ala Asn Gly Thr Ala Xaa Ala Val Ala
 85 90 95
 Thr Val Ala Cys Pro Ser Cys Gly Asp Ala Phe Pro Ser Glu Leu Ala
 100 105 110
 Val Ser Glu His Leu Asp Gly Cys Leu Ala Ser Ala Gly Gly Ala Arg
 115 120 125
 Ala Arg Ala Ala Ala Tyr Leu Ala Ala Asp Pro Pro Pro Pro Ala Ala
 130 135 140
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 145 150 155 160
 Gly Asn Asp Lys Phe Arg Arg Val Arg Leu Gly Asn Pro Arg Ile Lys
 165 170 175
 Glu Ala Leu Ala Asp Arg Asp Gly Gly Val Glu Leu Leu Glu Ala Val
 180 185 190
 Gly Phe Thr Val Gly Asp Glu Gly Gly Glu Pro Phe Ala Val Met Asp
 195 200 205
 Glu Val Pro Ser Asp Pro Arg Leu Asn Gly Ile Arg Arg Ala Val Leu
 210 215 220
 Leu Leu Glu Gly Ala His Pro Ser Ala Pro Pro Val Lys Ala Glu Ala
 225 230 235 240
 Glu Ala Lys Glu Ser Cys Ser Asn Val Ser Asp Val Gln Glu Gly Ala
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 Lys Thr Ile Asp Arg Gln Ile Arg Val Phe Val Ser Val Pro Gly Ser

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Ala Arg Gln Lys Tyr Lys Gln Ala Val Ile Arg Val Gln Phe Pro Asp		
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 <211> 1302
 <212> DNA
 <213> Oryza sativa

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 <213> *Oryza sativa*

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 Ser Arg Pro Ala Ala Pro Arg Arg Glu Ala Ala Ala Ser Ala Arg Pro
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 Pro Ser Ser Gly Phe Ala Pro Tyr Ser Pro Leu Ile Ser Thr Ser Ser
 65 70 75 80
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 Val Ala Cys Pro Ser Cys Ala Glu Pro Phe Pro Ser Glu Leu Ala Val
 100 105 110
 Ser Asp His Leu Asp Gly Cys Leu Ala Ala Ala Gly Gly Ala Arg Pro
 115 120 125
 Arg Ala Ala Ala Tyr Leu Ala Gly Asp Pro Pro Ala Ser Ala Val Glu
 130 135 140
 Val Val Lys Arg Leu Leu Gly Asn Leu Leu Ser Asp Pro Arg Asn Asp
 145 150 155 160
 Lys Tyr Arg Lys Val Arg Leu Gly Asn Pro Arg Ile Lys Glu Ala Leu
 165 170 175
 Ala Asp Arg Glu Gly Gly Val Asp Leu Leu Glu Ala Val Gly Phe Arg
 180 185 190
 Val Ala Asp Glu Gly Gly Glu Leu Phe Ala Leu Met Asp Glu Val Pro
 195 200 205
 Gly Asp Ala Arg Leu Gly Gly Ile Arg Gln Ala Val Leu Leu Leu Glu
 210 215 220
 Arg Ala Arg Pro Ser Thr Pro Pro Gln Thr Gln Ala Asp Ala Lys Glu
 225 230 235 240

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 305 310 315 320
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 325 330 335
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 340 345 350
 Phe Val Ala Ser Ser Leu Lys Gln Pro Ser Leu Glu Phe Asp Leu Ile
 355 360 365
 Cys Pro Ala Gly Pro Arg Thr Arg Val Ile Pro Pro Phe Pro Lys Pro
 370 375 380
 Gly Glu Gln Ala Arg Thr Leu Arg Asp Glu Asp Leu Val Pro Ser Ala
 385 390 395 400
 Arg Leu Thr Phe Lys Pro Lys Glu Thr Asp Ser Val Val Phe Thr Gly
 405 410 415
 Leu Leu Asp Glu Leu Leu Glu Thr Ser Glu Pro Phe Thr Ser Ala Ser
 420 425 430
 Ser